

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Efficiency** \_\_\_\_\_  
 Project Manager: \_\_\_\_\_

## DATA ADEQUACY WORKSHEET

Project: Carrizo Energy Solar Farm (CESF)  
 Docket: \_\_\_\_\_

Revision No. 0 Date \_\_\_\_\_  
 Technical Staff: \_\_\_\_\_  
 Technical Senior: \_\_\_\_\_

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 3.2 Section 3.3 Sections 5.2 to Section 5.17 Section 5.18 Figure 1.1-2 Figure 1.1-3		
Appendix B (h) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Figure 3.4-7		
Appendix B (h) (4) (B)	Annual fuel consumption in BTUs for each mode of operation, including hot restarts and cold starts.	Not applicable.		
Appendix B (h) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation including starts and shutdowns.	Section 3.1 Section 3.4.2 Section 3.4.4 Section 3.4.14 Section 3.7.1		
Appendix B (h) (4) (D)	Number of hours the plant will be operated in each design condition in each year.	Section 3.4.2 Section 3.4.14 Section 3.7.1		
Appendix B (h) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	Not applicable.		

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 Technical Area: **Efficiency** \_\_\_\_\_  
 Project Manager: \_\_\_\_\_

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Project: Carrizo Energy Solar Farm (CESF)  
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	Section 4.4		
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 3.9 Sections 5.2 to Section 5.17 Appendices D through H		
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not applicable.		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Efficiency** \_\_\_\_\_  
 Project Manager: \_\_\_\_\_

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Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Sections 5.2 to Section 5.17		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not applicable.		

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Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Facility Design**  
 Project Manager: \_\_\_\_\_

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Project: Carrizo Energy Solar Farm (CESF)  
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Revision No. 0 Date \_\_\_\_\_  
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	Section 3.3 Section 3.5.1 Section 5.2 Section 5.3 Section 5.5 Appendix E Appendix J		
Appendix B (h) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Section 3.5.2 Appendix J		
Appendix B (h) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment	Section 3.4.13.1.4 Section 3.4.10.7.6 Section 3.4.12.1 Section 3.4.13.1 Section 5.3 Appendices A to E Appendix J		
Appendix B (h) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	See Below		
Appendix B (h) (1) (D) (i)	The power generation system;	Section 3.1 Section 3.4 Figure 3.4-1 to Figure 3.4-17		

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 Technical Area: **Facility Design**  
 Project Manager: \_\_\_\_\_

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Appendix B (h) (1) (D) (ii)	The heat dissipation system;	Section 3.4.2 Section 3.4.6 Figure 3.4-7		
Appendix B (h) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	Section 3.4.5.2 Section 2.4.6 Figure 3.4-17		
Appendix B (h) (1) (D) (iv)	The atmospheric emission control system;	Not applicable.		
Appendix B (h) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Section 3.4.5.3 Section 3.4.7 Section 3.4.8 Table 3.4-4 Table 3.4-5 Table 3.4-6		
Appendix B (h) (1) (D) (vi)	The noise emission abatement system;	Section 3.6.4 Section 5.12		
Appendix B (h) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	Not applicable.		
Appendix B (h) (1) (D) (viii)	Switchyards/transformer systems; and	Section 3.4.4.1 Figure 3.4-4 to Figure 3.4-6 Figure 3.4-14 Figure 3.4-16 Appendix B Appendix G		
Appendix B (h) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	Section 3.4.3 Section 3.4.4		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Geothermal Facilities**  
 Project Manager: \_\_\_\_\_

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Not applicable.		
Appendix B (b) (3)	Applications for geothermal facilities shall contain the following additional information:	Not applicable.		
Appendix B (b) (3) (A)	Maps at a scale of 1:24,000 (or appropriate map scale agreed to by staff) showing the location of the geothermal leaseholds, along with a description by section, township, range, county, and assessor's parcel numbers of the leaseholds;	Not applicable.		
Appendix B (b) (3) (B)	Full-page color photographic reproductions of the geothermal leaseholds;	Not applicable.		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Geothermal Facilities**  
 Project Manager: \_\_\_\_\_

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Appendix B (b) (3) (C)	A description of the process by which the geothermal leasehold was selected and the consideration given to engineering constraints, site geology, environmental impacts, water, steam, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant. Include references to any environmental documents which address steam field development;	Not applicable.		
Appendix B (b) (3) (D)	A detailed description of the type, quality, and characteristics of the geothermal resource, including pressure and temperature flow rates, constituents and concentrations of non-condensable gases, and constituent concentrations of dissolved solids, and descriptions and concentrations of any substances potentially harmful to public health and safety or to the environment;	Not applicable.		
Appendix B (b) (3) (E)	Proposed locations of production and re-injection wells for the project. Include the applicant's assessment of geothermal resource adequacy, including the production history of those wells within the leaseholds dedicate to the project, including pressure decline curves as available; and	Not applicable.		
Appendix B (b) (3) (F)	A discussion of the potential impacts on the temperature, mineral content, and rate of flow of thermal springs affected by the project.	Not applicable.		



Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Geothermal Facilities**  
 Project Manager: \_\_\_\_\_

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Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Not applicable.		
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not applicable.		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Not applicable.		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date \_\_\_\_\_

Technical Area: **Geothermal Facilities**

Project: Carrizo Energy Solar Farm (CESF)

Technical Staff: \_\_\_\_\_

Project Manager: \_\_\_\_\_

Docket: \_\_\_\_\_

Technical Senior: \_\_\_\_\_

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Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not applicable.		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_

Technical Area: **Project Overview**

## DATA ADEQUACY WORKSHEET

Project: Carrizo Energy Solar Farm (CESF)

Docket: \_\_\_\_\_

Revision No. 0 Date \_\_\_\_\_

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Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Throughout AFC		
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Throughout AFC		
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Throughout AFC		
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Section 7.0		
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply routes and facilities, water supply routes and facilities, pollution control systems, and other general characteristics.	Section 3.0		

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Technical Area: **Project Overview**

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Project: Carrizo Energy Solar Farm (CESF)

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessor's parcel numbers.	Section 1.2 Section 5.9.1 Figure 1.1-2 Figure 1.1-3 Figure 5.9-2		
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Section 3.2 Section 3.3 Figure 1.1-1 to Figure 3.4-9 Figure 5.13-2		
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Figure 3.4-1 to Figure 3.4-9		
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix A		
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Section 1.3 Section 3.4.13 Table 3.4-10		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Project Overview** \_\_\_\_\_  
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Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Section 1.0 Section 1.4		
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 1.4 Section 1.2.4 Section 2.0 Section 3.4.12		
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Section 2.0 Section 5.9.1.2.1		
Appendix B (b) (1)	In a section entitled, "Generation Facility Description, Design, and Operation" provide the following information:	See below		
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), (or appropriate map scale agreed to by staff) along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Figure 1.1-1 to Figure 4.2-1 Figure 3.1-1 Figure 3.2-1 Figure 5.9-2		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Project Overview**

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Project: Carrizo Energy Solar Farm (CESF)  
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities to establish the accuracy of the photo simulations required in Sections (a)(1)(D) and (g)(6)(F);	Figure 1.1-1 to Figure 4.2-1 Figure 3.1-1 Figure 3.4-4 Figure 3.4-5 Figure 3.4-6 Figure 3.5-10		
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 3.0		
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Section 4.0		
Appendix B (b) (2)	In a section entitled, "Transmission Lines Description, Design, and Operation" provide the following information:	Section 3.6		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Project Overview** \_\_\_\_\_  
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Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 (or appropriate map scale agreed to by staff) of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s);	Figure 5.13-1		
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Figure 3.4-3 Figure 5.13-6		
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights-of-way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators.	Section 3.4.4 Section 3.4.12 Section 3.6 Appendix B Appendix G		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_

Technical Area: **Project Overview**

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Revision No. 0 Date \_\_\_\_\_

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Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints; and	Section 4.0 Section 3.6		
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 3.8		



Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Reliability**  
 Project Manager: \_\_\_\_\_

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Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 3.2 Section 3.3 Section 5.2 through 5.17 Section 5.18 Figure 1.1-2 Figure 1.1-3		
Appendix B (h) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	Section 3.4.8.1 Table 3.4-7 Table 3.4-8		
Appendix B (h) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:	Section 3.7 Section 3.8		
Appendix B (h) (3) (B) (i)	Expected overall availability factor, and annual and lifetime capacity factors;	Section 3.7.1 Section 3.7.2		
Appendix B (h) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	Section 3.4.3 Section 3.4.5 Section 3.4.6 Section 3.4.8 Section 3.7		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Reliability** \_\_\_\_\_  
 Project Manager: \_\_\_\_\_

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Appendix B (h) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	Section 3.3.2 Section 3.4.6 Section 3.5.1 Section 3.7.3 Section 5.2		
Appendix B (h) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability including equipment redundancy; and	Section 3.1 Section 3.4.1 Section 3.4.2 Section 3.4.3 Section 3.4.4 Section 3.7.2 Section 3.7.4 Table 3.7-1		
Appendix B (h) (3) (B) (v)	For technologies not previously installed and operated in California, the expected power plant maturation period.	Section 3.7 Section 3.8		
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 3.9 Section 5.2 to Section 5.17 Appendices D to H		

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 Technical Area: **Reliability**  
 Project Manager: \_\_\_\_\_

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Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Section 5.2 to Section 5.17		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not applicable.		

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Adequacy Issue: Adequate ☐ Inadequate ☐  
 Technical Area: **Trans Line Safety & Nuisance**  
 Project Manager: \_\_\_\_\_

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Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 3.2 Section 3.3 Section 5.2 to Section 5.17 Section 5.18 Figure 1.1-2 Figure 1.1-3		
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 3.1 Section 3.4.12 Section 3.6 Figure 3.4-4		
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 3.6		

Adequacy Issue:      Adequate              Inadequate

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date

Technical Area: **Trans Line Safety & Nuisance**

Project: Carrizo Energy Solar Farm (CESF)

Technical Staff: \_\_\_\_\_

Project Manager: \_\_\_\_\_

Docket: \_\_\_\_\_

Technical Senior: \_\_\_\_\_

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 3.6		
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 3.9 Section 5.2 to Section 5.17 Appendix G Appendix H		
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not applicable.		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Trans Line Safety & Nuisance**  
 Project Manager: \_\_\_\_\_

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date \_\_\_\_\_  
 Project: Carrizo Energy Solar Farm (CESF) Technical Staff: \_\_\_\_\_  
 Docket: \_\_\_\_\_ Technical Senior: \_\_\_\_\_

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Section 5.2 to Section 5.17		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not applicable.		

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Adequacy Issue: Adequate ☐ Inadequate ☐  
 Technical Area: Transmission System Design  
 Project Manager: \_\_\_\_\_

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date \_\_\_\_\_  
 Technical Staff: \_\_\_\_\_  
 Technical Senior: \_\_\_\_\_

Project: Carrizo Energy Solar Farm (CESF)  
 Docket: \_\_\_\_\_

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 1.0 Section 2.0		
Appendix B (h) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 3.4.12 Section 3.6		

Adequacy Issue: Adequate            Inadequate           

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date                     

Technical Area: **Transmission System Design**

Project: Carrizo Energy Solar Farm (CESF)

Technical Staff:                     

Project Manager:                     

Docket:                     

Technical Senior:                     

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 3.4.4 Section 3.4.12 Section 3.6 Appendix B Appendix G		
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 2.0 Section 3.6 Section 4.0 Appendix B		

Adequacy Issue: Adequate ☐ Inadequate ☐  
 Technical Area: **Transmission System Design**  
 Project Manager: \_\_\_\_\_

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date \_\_\_\_\_  
 Technical Staff: \_\_\_\_\_  
 Technical Senior: \_\_\_\_\_

Project: Carrizo Energy Solar Farm (CESF)  
 Docket: \_\_\_\_\_

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (E)	<p>A completed System Impact Study or signed System Impact Study Agreement with the California Independent System Operator and proof of payment. When not connecting to the California Independent System Operator controlled grid, provide the executed System Impact Study agreement and proof of payment to the interconnecting utility.</p> <p>If the interconnection and operation of the proposed project will likely impact an transmission system that is not controlled by the interconnecting utility (or California Independent System Operator), provide evidence of a System Impact Study or agreement and proof of payment (when applicable) with/to the impacted transmission owner or provide evidence that there are no system impacts requiring mitigation.</p>	Section 3.4.12 Appendix B		
Appendix B (i) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Appendix G		

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate \_\_\_\_\_  
 Technical Area: **Transmission System Design**  
 Project Manager: \_\_\_\_\_

## DATA ADEQUACY WORKSHEET

Revision No. 0 Date \_\_\_\_\_  
 Technical Staff: \_\_\_\_\_  
 Technical Senior: \_\_\_\_\_

Project: Carrizo Energy Solar Farm (CESF)  
 Docket: \_\_\_\_\_

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 3.4.12 Section 3.6 Sections 5.2 to Section 5.18		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Section 3.4.12 Section 3.6 Sections 5.2 to Section 5.18		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 3.4.12 Section 3.6 Sections 5.2 to Section 5.18		